

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110312.D
 Acq On : 30 Oct 2018 19:24
 Operator : JU/SJ
 Sample : PB114313BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BL

Quant Time: Oct 31 04:34:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

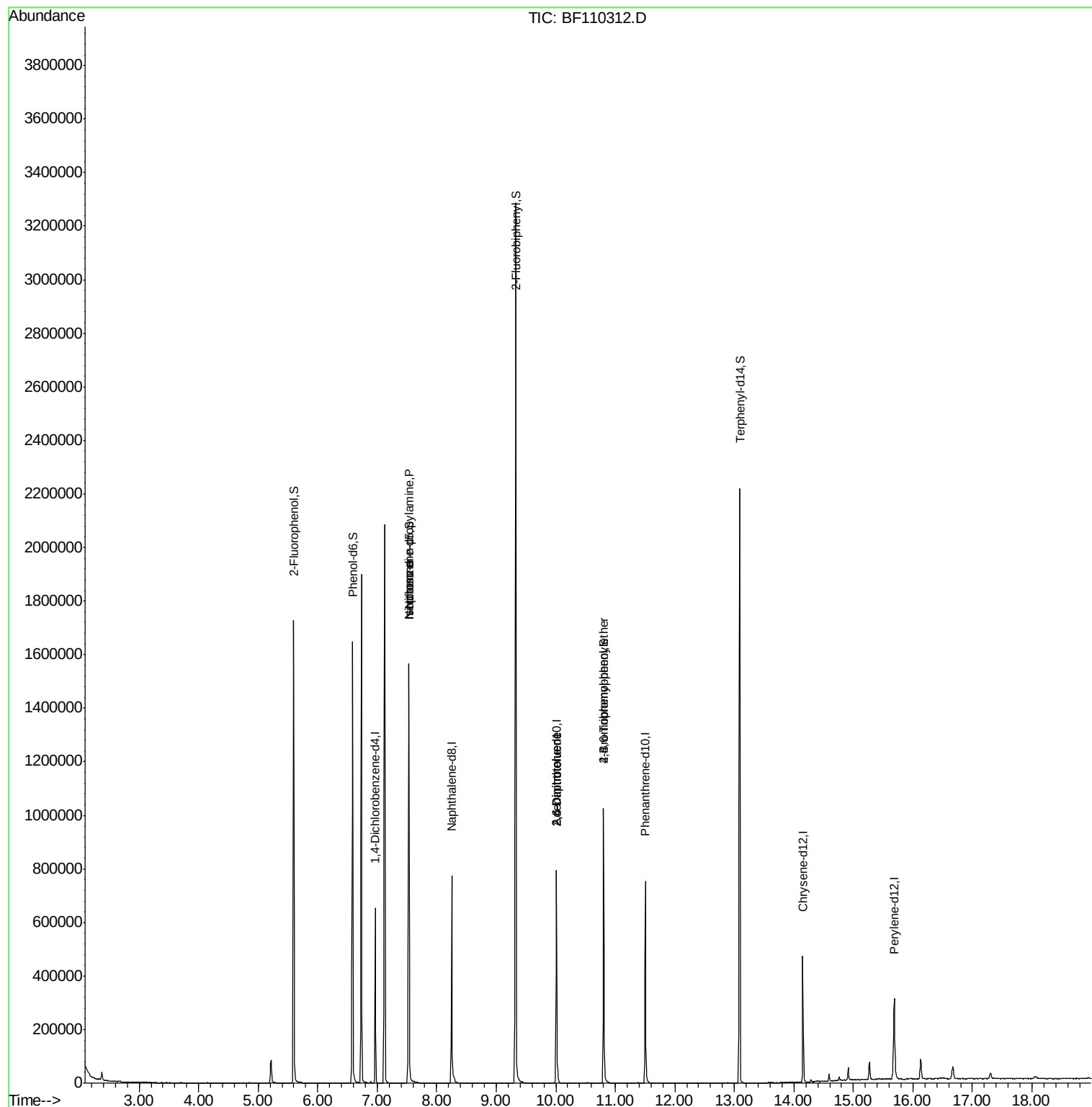
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97270	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	388953	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	178214	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	298162	20.00	ng	0.00
76) Chrysene-d12	14.16	240	184274	20.00	ng	0.00
87) Perylene-d12	15.69	264	152120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	472957	79.18	ng	0.01
7) Phenol-d6	6.59	99	601172	78.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	557992	85.09	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	126074	71.42	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1042473	91.85	ng	0.00
79) Terphenyl-d14	13.09	244	793809	89.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	760	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	74801	15.261 ng	#	1
25) Isophorone	7.53	82	557989	49.918 ng	#	77
51) 2,6-Dinitrotoluene	10.01	165	22299	7.869 ng	#	67
57) 2,4-Dinitrotoluene	10.01	165	22300	6.196 ng	#	23
67) 4-Bromophenyl-phenylether	10.80	248	7896	2.441 ng	#	19
					#	1

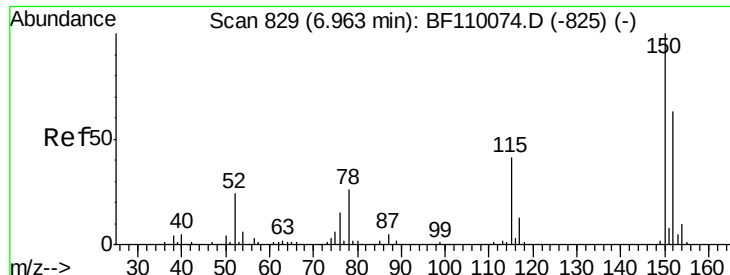
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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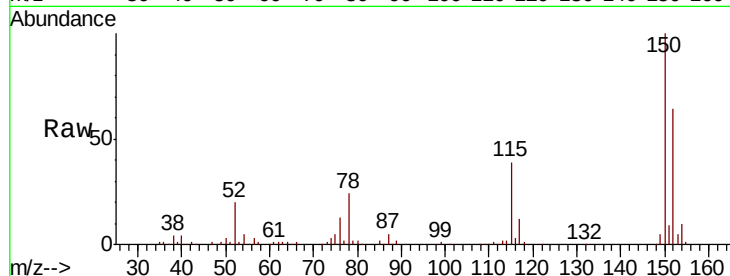




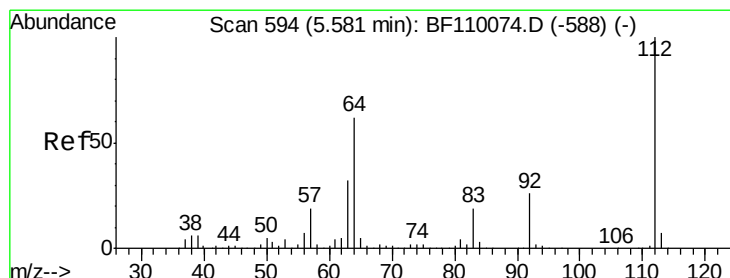
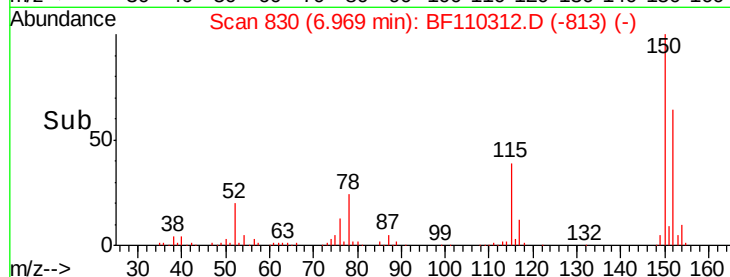
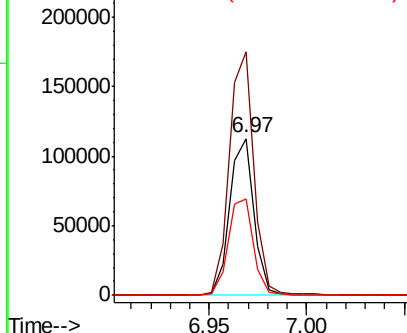
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BL

Tgt Ion:152 Resp: 97270
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.7 184.1
 115 61.3 49.1 73.7

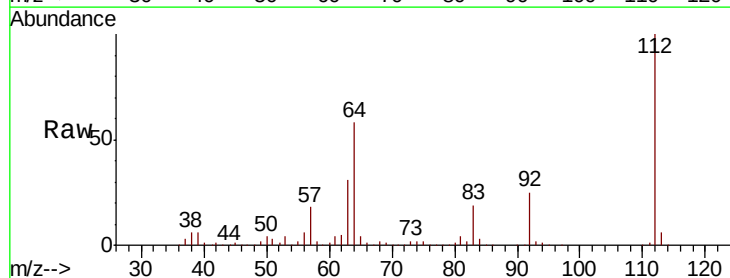


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

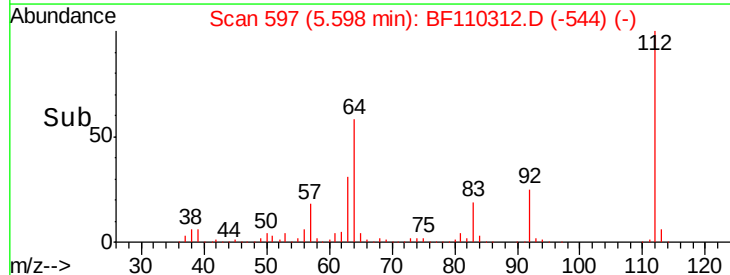
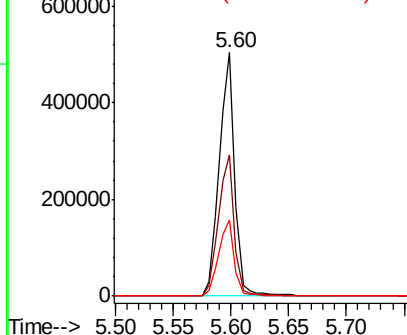


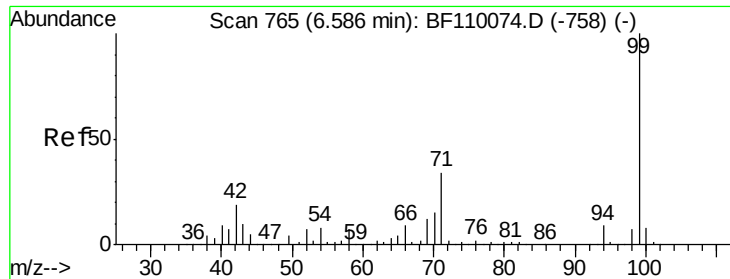
#5
 2-Fluorophenol
 Concen: 79.180 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Tgt Ion:112 Resp: 472957
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.1 66.1
 63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.686 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB114313BL

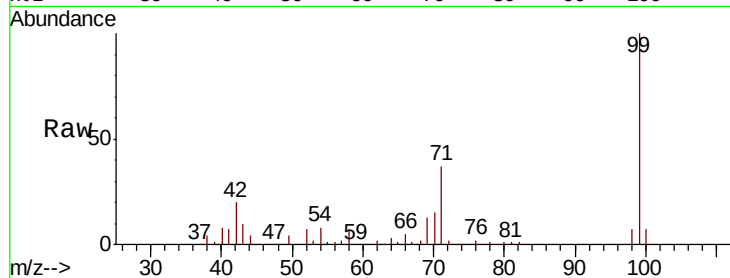
Tgt Ion: 99 Resp: 601172

Ion Ratio Lower Upper

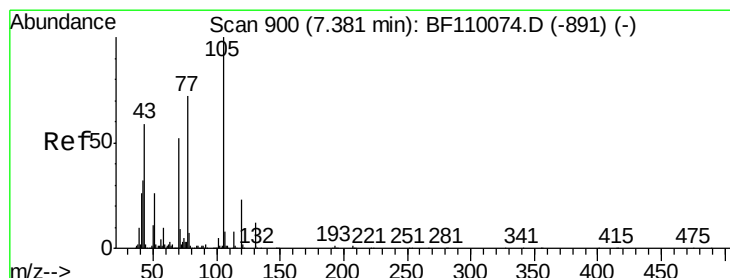
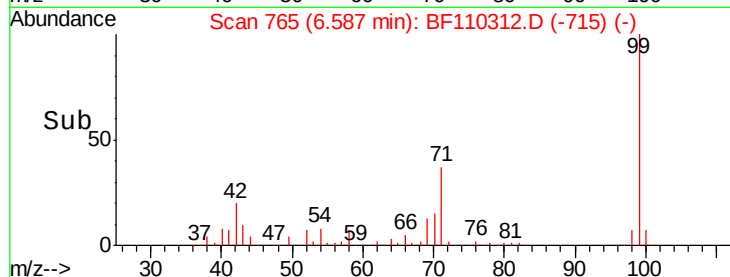
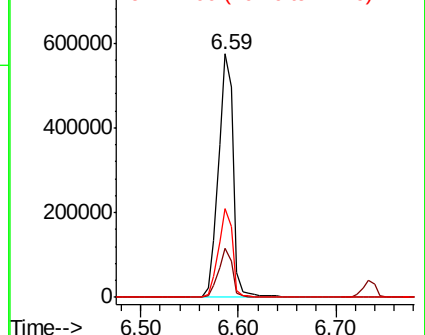
99 100

42 20.1 15.8 23.6

71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.261 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Tgt Ion: 70 Resp: 74801

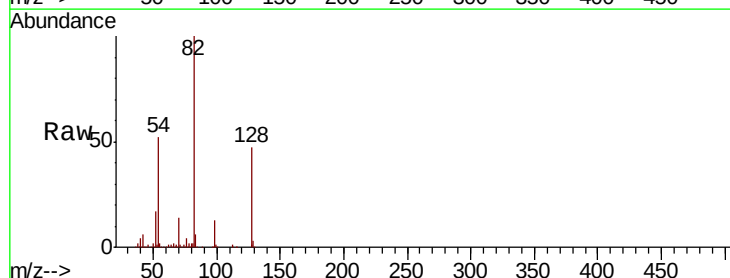
Ion Ratio Lower Upper

70 100

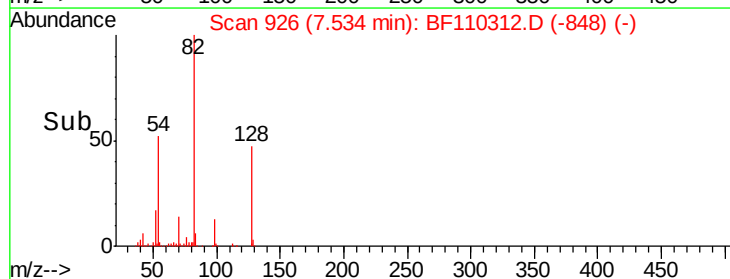
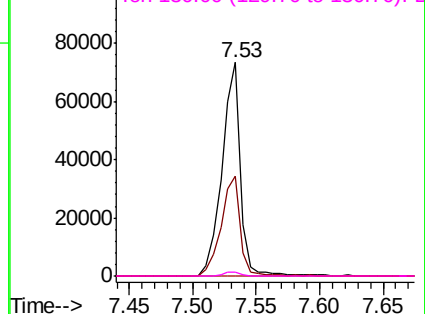
42 46.9 47.4 71.2#

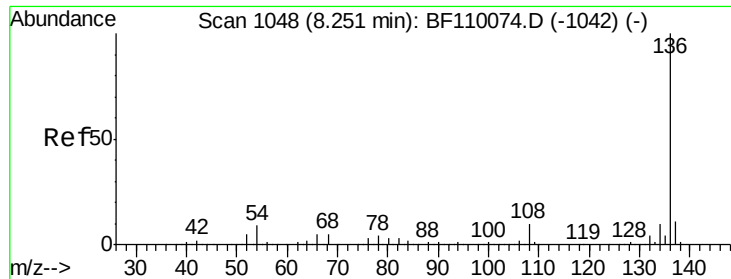
101 0.0 7.3 10.9#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

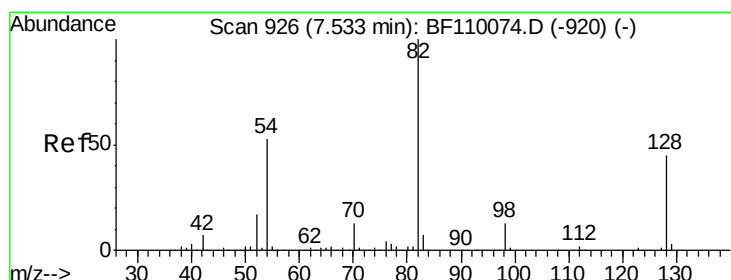
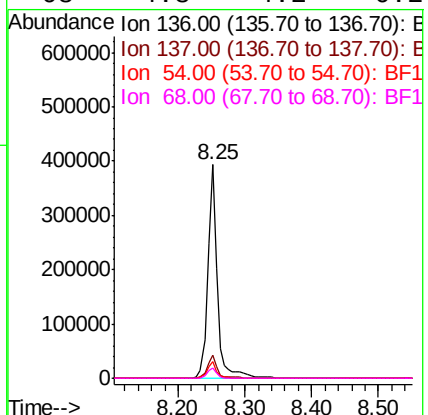
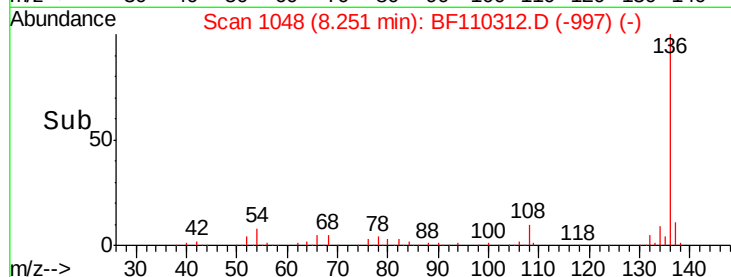
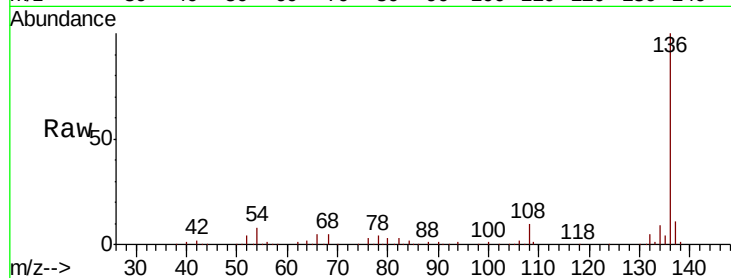




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

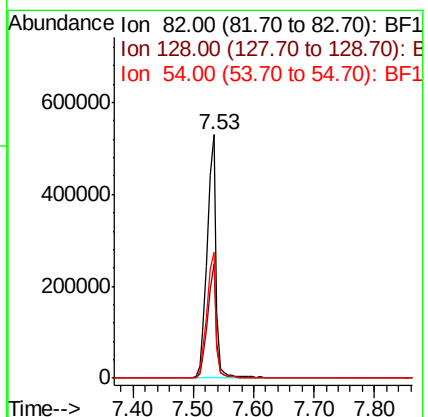
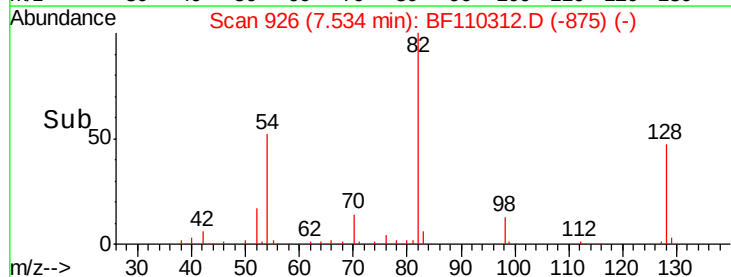
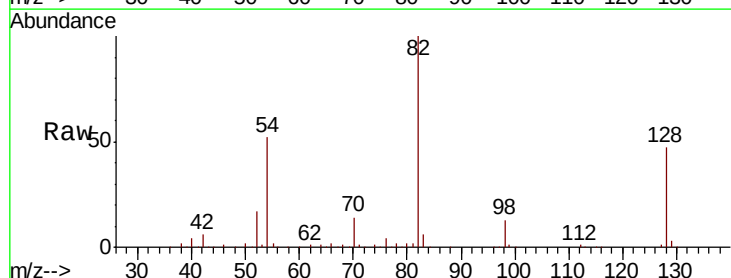
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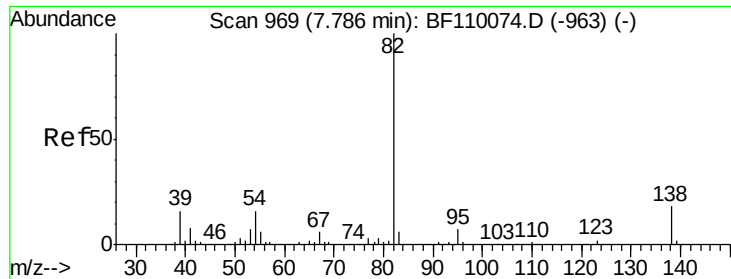
Tgt Ion:	136	Resp:	388953
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 85.091 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion:	82	Resp:	557992
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	51.8	38.6	58.0

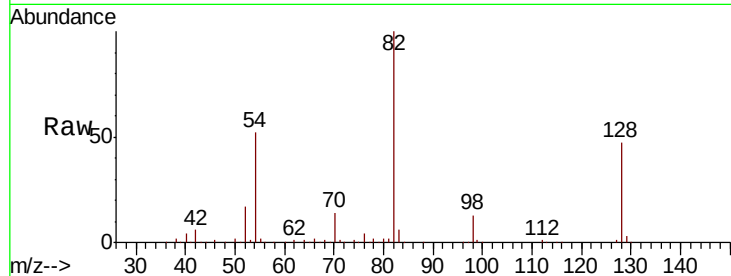




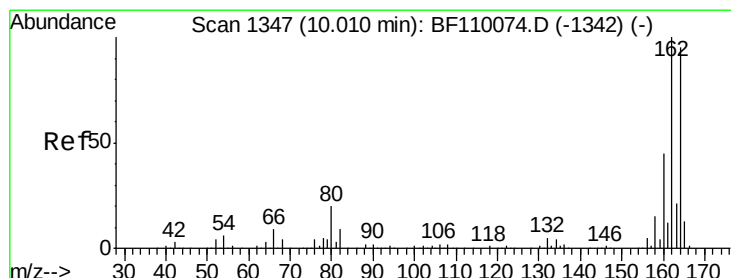
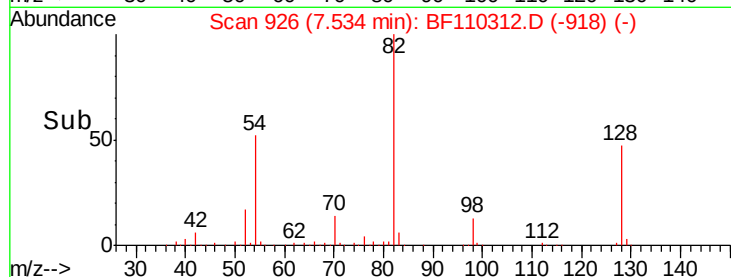
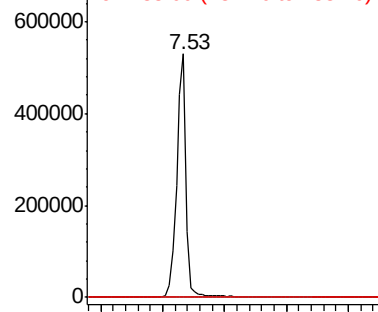
#25
Isophorone
Concen: 49.918 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB114313BL

Tgt Ion: 82 Resp: 557989
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

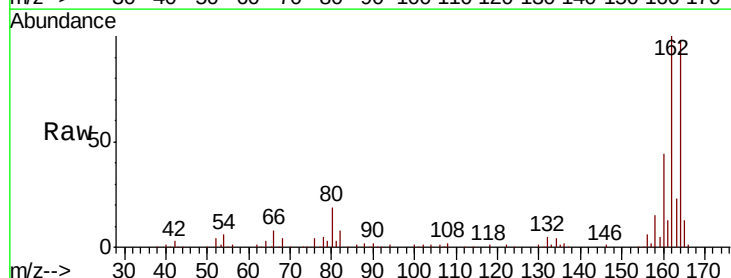


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

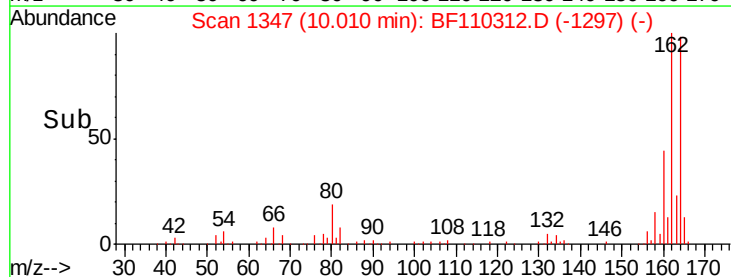
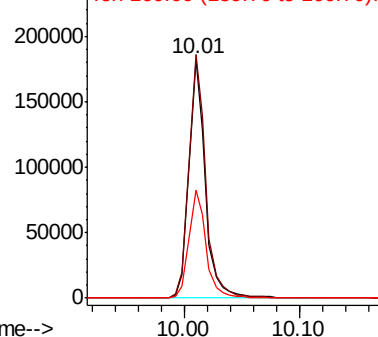


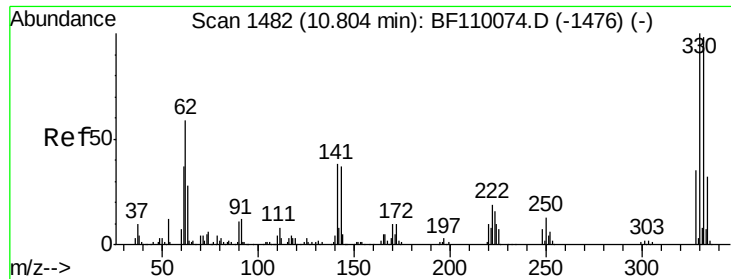
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion: 164 Resp: 178214
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.6
160 45.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

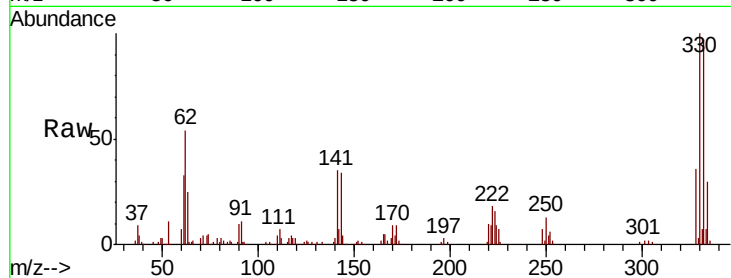




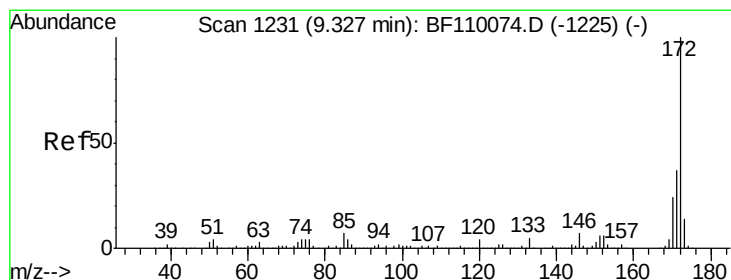
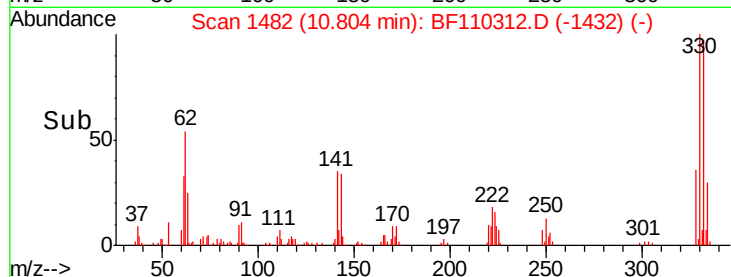
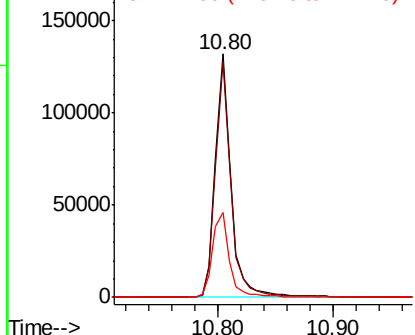
#42
 2,4,6-Tribromophenol
 Concen: 71.417 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Instrument :
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 PB114313BL

Tgt Ion:330 Resp: 126074
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 37.3 27.0 40.4

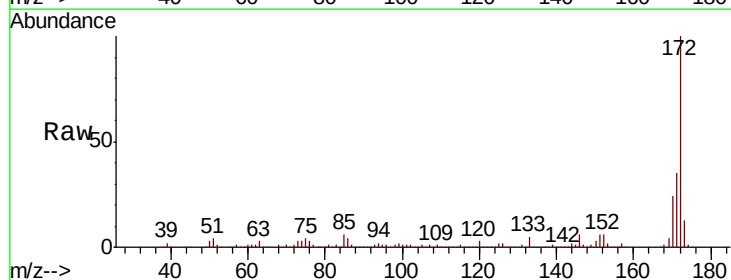


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

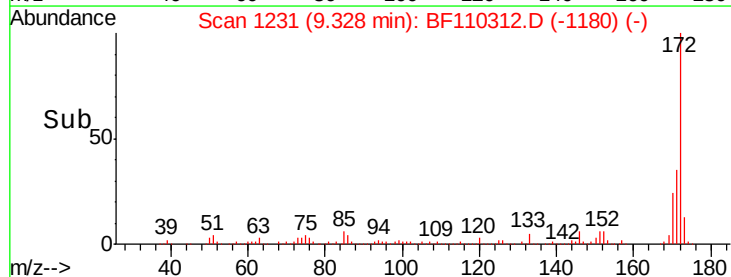
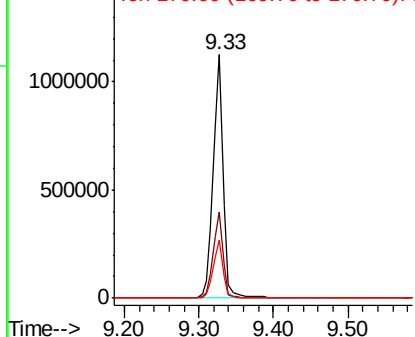


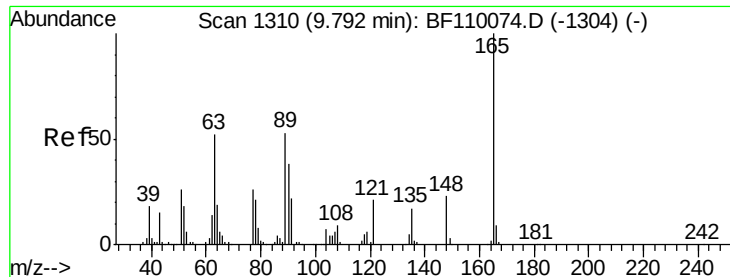
#45
 2-Fluorobiphenyl
 Concen: 91.853 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Tgt Ion:172 Resp: 1042473
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.8 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

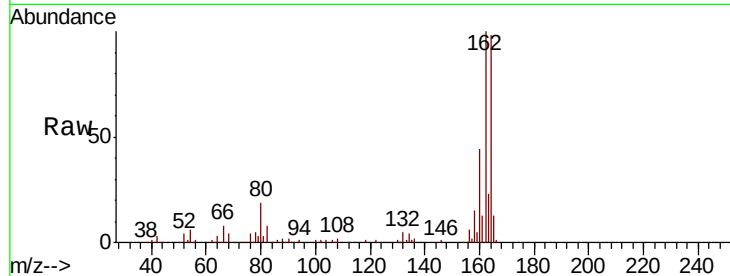




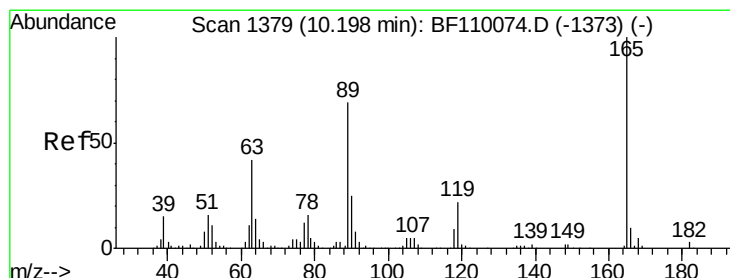
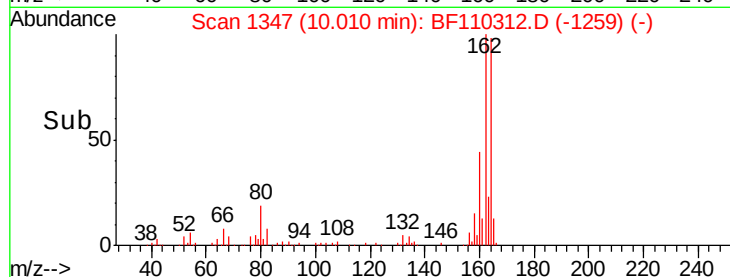
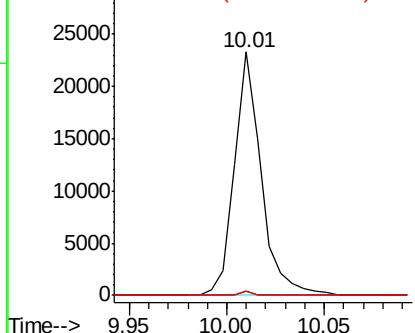
#51
 2,6-Dinitrotoluene
 Concen: 7.869 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.7	46.6	69.8#



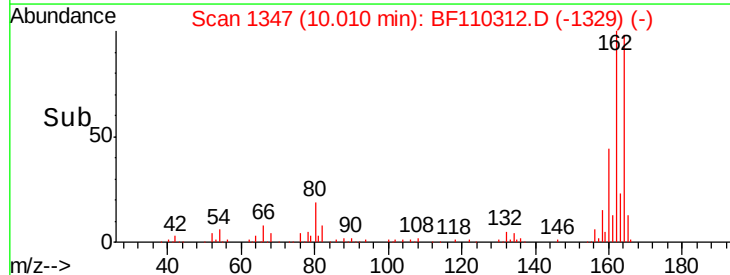
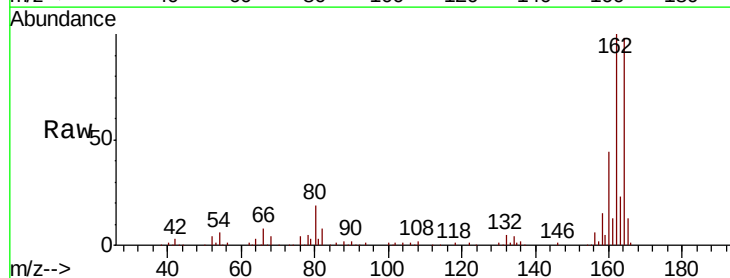
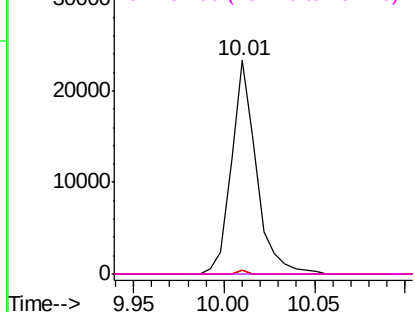
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

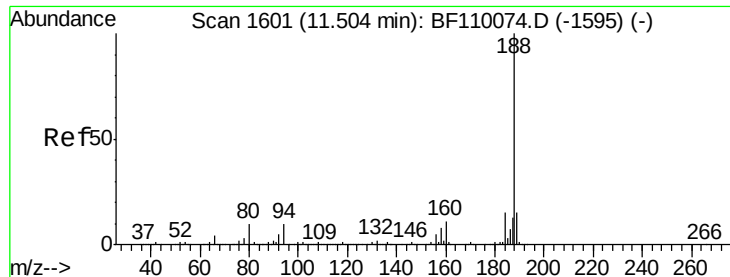


#57
 2,4-Dinitrotoluene
 Concen: 6.196 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

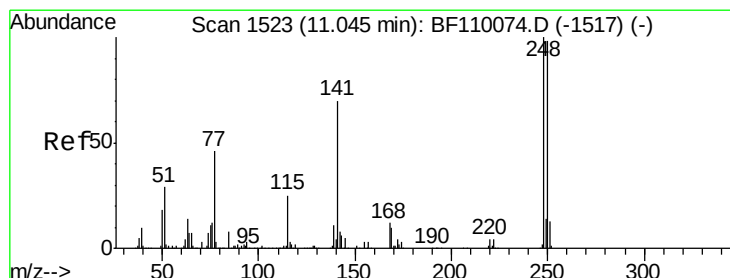
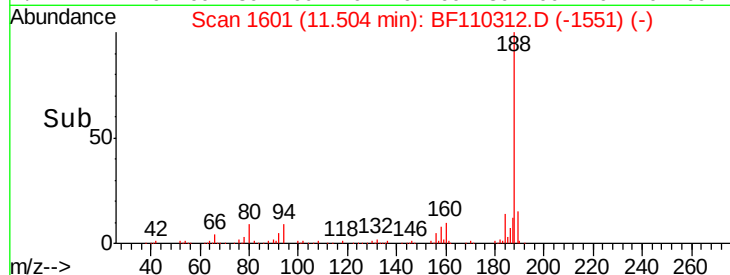
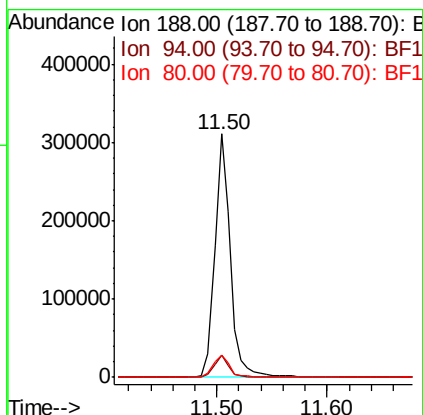
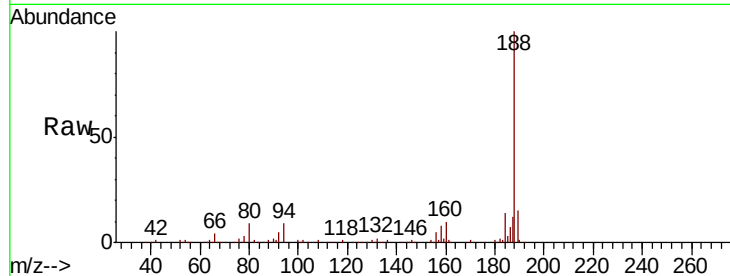




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

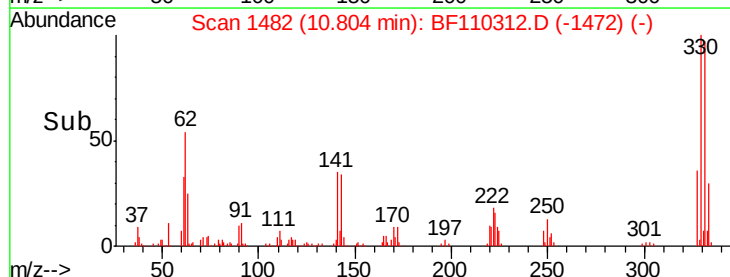
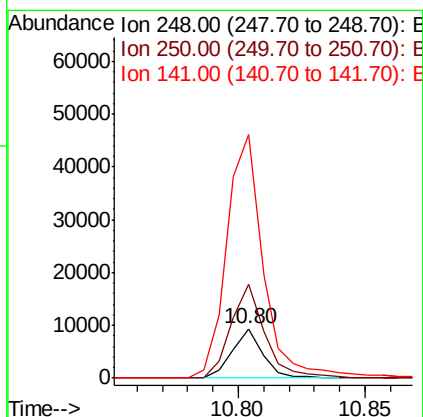
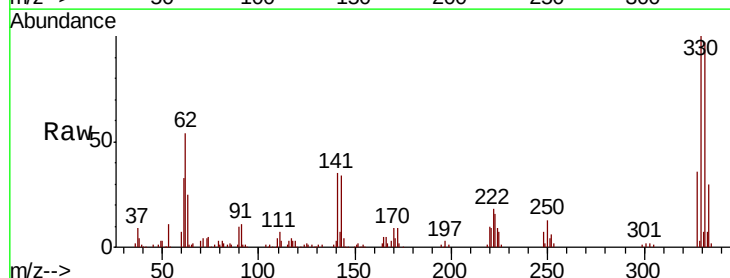
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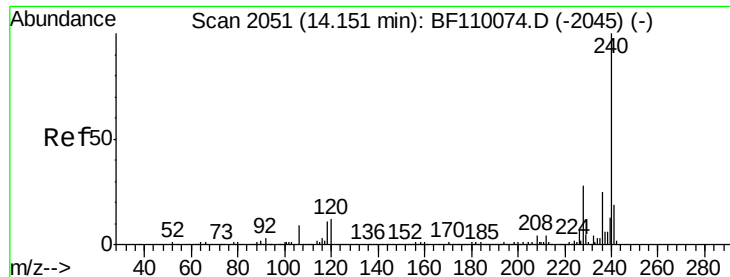
Tgt Ion:188 Resp: 298162
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.441 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion:248 Resp: 7896
Ion Ratio Lower Upper
248 100
250 189.5 79.4 119.2#
141 492.5 55.9 83.9#

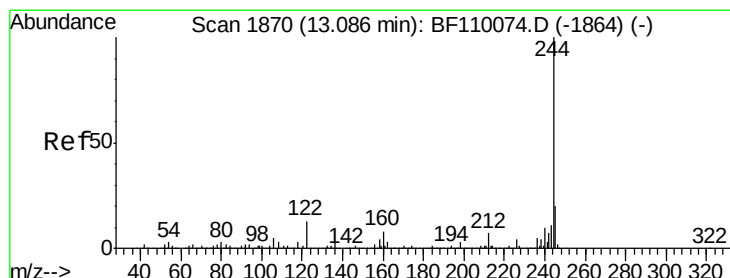
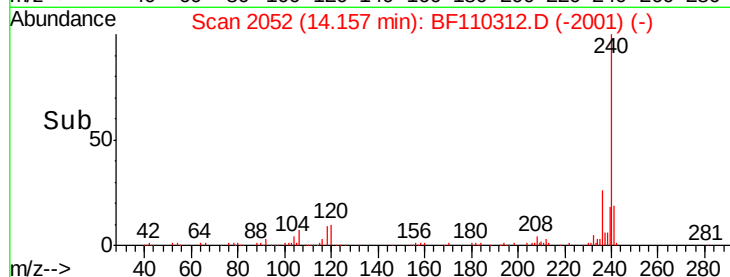
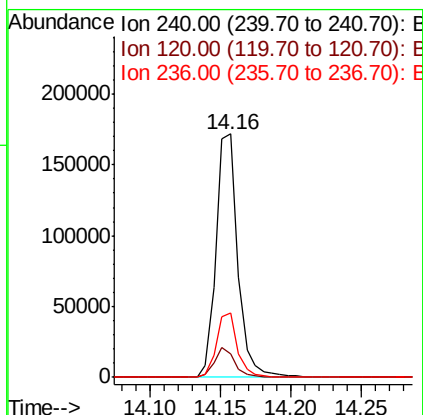
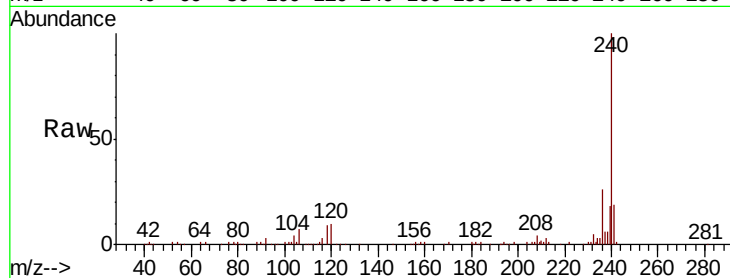




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

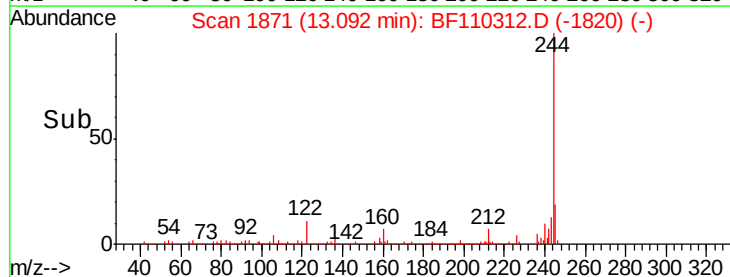
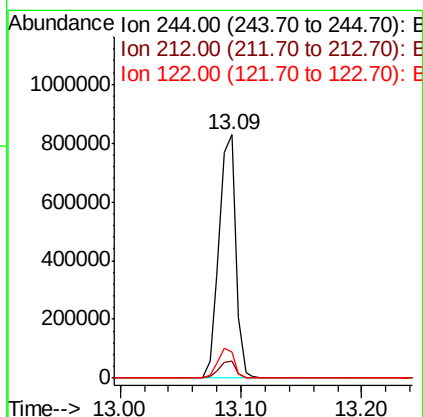
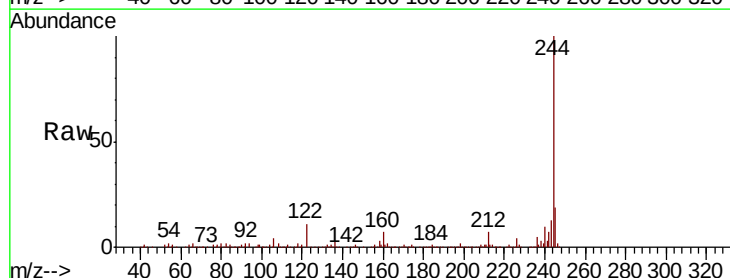
Instrument :
BNA_F
ClientSampleId :
PB114313BL

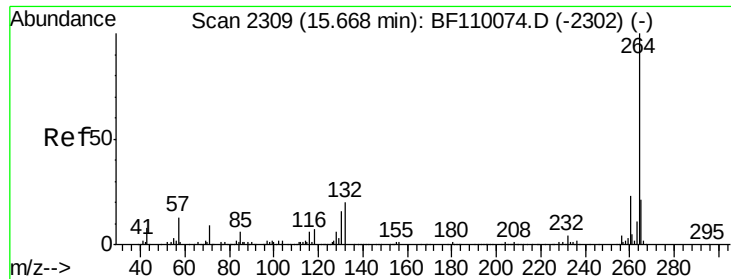
Tgt Ion:240 Resp: 184274
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 26.5 21.2 31.8



#79
Terphenyl-d14
Concen: 89.589 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion:244 Resp: 793809
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.5 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB114313BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1

